

James Aird

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

5,056
citations

70961

41
h-index

88477

70
g-index

72
all docs

72
docs citations

72
times ranked

3686
citing authors

#	ARTICLE	IF	CITATIONS
1	The incidence of X-ray selected AGN in nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4556-4572.	1.6	14
2	The AGN–galaxy–halo connection: the distribution of AGN host halo masses to $\langle z \rangle = 2.5$. Monthly Notices of the Royal Astronomical Society, 2021, 502, 5962-5980.	1.6	12
3	The connection between star formation and supermassive black hole activity in the local Universe. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2619-2637.	1.6	16
4	The XMM-SERVS Survey: XMM-Newton Point-source Catalogs for the W-CDF-S and ELAIS-S1 Fields. Astrophysical Journal, Supplement Series, 2021, 256, 21.	3.0	16
5	Supermassive black holes in cosmological simulations – II: the AGN population and predictions for upcoming X-ray missions. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3015-3042.	1.6	27
6	Local AGN survey (LASr): I. Galaxy sample, infrared colour selection, and predictions for AGN within 100% Mpc. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1784-1816.	1.6	11
7	X-ray detected AGN in SDSS dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2268-2284.	1.6	49
8	The Evolving AGN Duty Cycle in Galaxies Since $z \sim 1/4$ as Encoded in the X-Ray Luminosity Function. Astrophysical Journal, 2020, 892, 17.	1.6	18
9	The Chandra Deep Wide-field Survey: A New Chandra Legacy Survey in the Boötes Field. I. X-Ray Point Source Catalog, Number Counts, and Multiwavelength Counterparts. Astrophysical Journal, Supplement Series, 2020, 251, 2.	3.0	21
10	Deep ugrizY imaging and DEEP2/3 spectroscopy: a photometric redshift testbed for LSST and public release of data from the DEEP3 Galaxy Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4565-4584.	1.6	12
11	X-rays across the galaxy population – III. The incidence of AGN as a function of star formation rate. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4360-4378.	1.6	81
12	Exploring the halo occupation of AGN using dark-matter cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 275-295.	1.6	20
13	The Galaxy’s Gas Content Regulated by the Dark Matter Halo Mass Results in a Superlinear $M_{\text{BH}} \propto M_{\text{halo}}^{\dagger}$ Relation. Astrophysical Journal Letters, 2019, 885, L36.	3.0	14
14	The MOSDEF Survey: The Metallicity Dependence of X-Ray Binary Populations at $z \sim 1/4$. Astrophysical Journal, 2019, 885, 65.	1.6	28
15	The MOSDEF Survey: A Census of AGN-driven Ionized Outflows at $z = 1.4 \sim 3.8$. Astrophysical Journal, 2019, 886, 11.	1.6	50
16	Evidence for a mass-dependent AGN Eddington ratio distribution via the flat relationship between SFR and AGN luminosity. Monthly Notices of the Royal Astronomical Society, 2018, 476, 436-450.	1.6	13
17	The NuSTAR Extragalactic Surveys: X-Ray Spectroscopic Analysis of the Bright Hard-band Selected Sample. Astrophysical Journal, 2018, 854, 33.	1.6	33
18	Chandra Observations of NuSTAR Serendipitous Sources near the Galactic Plane. Astrophysical Journal, 2018, 869, 171.	1.6	2

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19	The MOSDEF Survey: The Nature of Mid-infrared Excess Galaxies and a Comparison of IR and UV Star Formation Tracers at $z \sim 1/4 2$. <i>Astrophysical Journal</i> , 2018, 866, 63.	1.6	21
20	X-rays across the galaxy population – II. The distribution of AGN accretion rates as a function of stellar mass and redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1225-1249.	1.6	113
21	X-UDS: The <i>Chandra</i> Legacy Survey of the UKIDSS Ultra Deep Survey Field. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 48.	3.0	55
22	The NuSTAR Serendipitous Survey: The 40-month Catalog and the Properties of the Distant High-energy X-Ray Source Population. <i>Astrophysical Journal</i> , 2017, 836, 99.	1.6	49
23	THE MOSDEF SURVEY: AGN MULTI-WAVELENGTH IDENTIFICATION, SELECTION BIASES, AND HOST GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2017, 835, 27.	1.6	79
24	The NuSTAR Extragalactic Survey: Average Broadband X-Ray Spectral Properties of the NuSTAR-detected AGNs. <i>Astrophysical Journal</i> , 2017, 849, 57.	1.6	18
25	Galactic Sources Detected in the NuSTAR Serendipitous Survey. <i>Astrophysical Journal, Supplement Series</i> , 2017, 230, 25.	3.0	7
26	Observational constraints on the specific accretion-rate distribution of X-ray-selected AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1976-2001.	1.6	59
27	The NuSTAR Serendipitous Survey: Hunting for the Most Extreme Obscured AGN at >10 keV. <i>Astrophysical Journal</i> , 2017, 846, 20.	1.6	46
28	The MOSDEF Survey: The Prevalence and Properties of Galaxy-wide AGN-driven Outflows at $z \sim 1/4 2$. <i>Astrophysical Journal</i> , 2017, 849, 48.	1.6	38
29	The MOSDEF Survey: First Measurement of Nebular Oxygen Abundance at $z > 4^*$. <i>Astrophysical Journal Letters</i> , 2017, 846, L30.	3.0	23
30	The mean star formation rates of unobscured QSOs: searching for evidence of suppressed or enhanced star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2221-2240.	1.6	71
31	X-rays across the galaxy population – I. Tracing the main sequence of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3390-3415.	1.6	83
32	PRIMUS + DEEP2: CLUSTERING OF X-RAY, RADIO, AND IR-AGNs AT $z \sim 1/4 0.7$. <i>Astrophysical Journal</i> , 2016, 821, 55. 1.6	1.6	54
33	THE NuSTAR EXTRAGALACTIC SURVEYS: THE NUMBER COUNTS OF ACTIVE GALACTIC NUCLEI AND THE RESOLVED FRACTION OF THE COSMIC X-RAY BACKGROUND. <i>Astrophysical Journal</i> , 2016, 831, 185.	1.6	63
34	Athena Wide Field Imager key science drivers. , 2016, , .		5
35	A selection effect boosting the contribution from rapidly spinning black holes to the cosmic X-ray background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2012-2023.	1.6	54
36	The $5 \sim 10$ keV AGN luminosity function at $0.01 < z < 4.0$. <i>Astronomy and Astrophysics</i> , 2016, 587, A142.	2.1	35

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37	The evolution of the X-ray luminosity functions of unabsorbed and absorbed AGNs out to $z \leq 5$. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1892-1927.	1.6	265
38	ALMA and <i>Herschel</i> reveal that X-ray-selected AGN and main-sequence galaxies have different star formation rate distributions. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L83-L87.	1.2	92
39	<i>NuSTAR</i> REVEALS EXTREME ABSORPTION IN $z < 0.5$ TYPE 2 QUASARS. Astrophysical Journal, 2015, 809, 115.	1.6	62
40	ARE COMPTON-THICK AGNs THE MISSING LINK BETWEEN MERGERS AND BLACK HOLE GROWTH?. Astrophysical Journal, 2015, 814, 104.	1.6	125
41	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEY: FIRST DIRECT MEASUREMENTS OF THE ~ 310 keV X-RAY LUMINOSITY FUNCTION FOR ACTIVE GALACTIC NUCLEI AT $z > 0.1$. Astrophysical Journal, 2015, 815, 66.	1.6	50
42	X-ray Surface Brightness Profiles of Active Galactic Nuclei in the Extended Groth Strip: Implications for AGN Feedback. Publications of the Astronomical Society of the Pacific, 2015, 127, 716-725.	1.0	6
43	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEYS: OVERVIEW AND CATALOG FROM THE COSMOS FIELD. Astrophysical Journal, 2015, 808, 185.	1.6	56
44	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEYS: INITIAL RESULTS AND CATALOG FROM THE EXTENDED <i>CHANDRA</i> DEEP FIELD SOUTH. Astrophysical Journal, 2015, 808, 184.	1.6	35
45	PRIMUS: THE RELATIONSHIP BETWEEN STAR FORMATION AND AGN ACCRETION. Astrophysical Journal, 2015, 806, 187.	1.6	81
46	THE MOSFIRE DEEP EVOLUTION FIELD (MOSDEF) SURVEY: REST-FRAME OPTICAL SPECTROSCOPY FOR ~ 1500 <i>H</i> -SELECTED GALAXIES AT $1.37 \leq z \leq 3.8$. Astrophysical Journal, Supplement Series, 2015, 218, 15.	3.0	312
47	The X-ray luminosity function of active galactic nuclei in the redshift interval $z = 3-5$. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1946-1964.	1.6	74
48	OBSCURATION-DEPENDENT EVOLUTION OF ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2015, 802, 89.	1.6	214
49	X-RAY EMISSION IN NON-AGN GALAXIES AT $z < 1$. Astrophysical Journal, 2015, 806, 136.	1.6	1
50	THE MOSDEF SURVEY: OPTICAL ACTIVE GALACTIC NUCLEUS DIAGNOSTICS AT $z \sim 2.3$. Astrophysical Journal, 2015, 801, 35.	1.6	111
51	Compton thick active galactic nuclei in Chandra surveys. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1999-2017.	1.6	84
52	A wide search for obscured active galactic nuclei using XMM-Newton and WISE. Monthly Notices of the Royal Astronomical Society, 2014, 438, 494-512.	1.6	44
53	PRIMUS: GALAXY CLUSTERING AS A FUNCTION OF LUMINOSITY AND COLOR AT $0.2 < z < 1$. Astrophysical Journal, 2014, 784, 128.	1.6	52
54	Higher prevalence of X-ray selected AGN in intermediate-age galaxies up to $z \sim 1$. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3538-3549.	1.6	15

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55	<i>NuSTAR</i> OBSERVATIONS OF HEAVILY OBSCURED QUASARS AT <i>z</i> $\hat{=} 0.5$. <i>Astrophysical Journal</i> , 2014, 785, 17.	1.6	58
56	Investigating evidence for different black hole accretion modes since redshift $z \hat{=} 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 339-352.	1.6	31
57	PRIMUS: INFRARED AND X-RAY AGN SELECTION TECHNIQUES AT $0.2 < z < 1.2$. <i>Astrophysical Journal</i> , 2013, 770, 40.	1.6	72
58	PRIMUS: AN OBSERVATIONALLY MOTIVATED MODEL TO CONNECT THE EVOLUTION OF THE ACTIVE GALACTIC NUCLEUS AND GALAXY POPULATIONS OUT TO $z < 1$. <i>Astrophysical Journal</i> , 2013, 775, 41.	1.6	46
59	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEY: A FIRST SENSITIVE LOOK AT THE HIGH-ENERGY COSMIC X-RAY BACKGROUND POPULATION. <i>Astrophysical Journal</i> , 2013, 773, 125.	1.6	73
60	THE PRISM MULTI-OBJECT SURVEY (PRIMUS). II. DATA REDUCTION AND REDSHIFT FITTING. <i>Astrophysical Journal</i> , 2013, 767, 118.	1.6	141
61	PRIMUS: CONSTRAINTS ON STAR FORMATION QUENCHING AND GALAXY MERGING, AND THE EVOLUTION OF THE STELLAR MASS FUNCTION FROM $z = 0-1$. <i>Astrophysical Journal</i> , 2013, 767, 50.	1.6	442
62	A wide search of obscured Active Galactic Nuclei using XMM-Newton and WISE. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 245-246.	0.0	0
63	PRIMUS: THE DEPENDENCE OF AGN ACCRETION ON HOST STELLAR MASS AND COLOR. <i>Astrophysical Journal</i> , 2012, 746, 90.	1.6	232
64	AEGIS: DEMOGRAPHICS OF X-RAY AND OPTICALLY SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2011, 728, 38.	1.6	78
65	PRIMUS: OBSCURED STAR FORMATION ON THE RED SEQUENCE. <i>Astrophysical Journal</i> , 2011, 726, 110.	1.6	17
66	<i>SUZAKU</i> VIEW OF THE <i>SWIFT</i>/BAT ACTIVE GALACTIC NUCLEI. III. APPLICATION OF NUMERICAL TORUS MODELS TO TWO NEARLY COMPTON THICK ACTIVE GALACTIC NUCLEI (NGC 612 AND NGC 3081). <i>Astrophysical Journal</i> , 2011, 729, 31.	1.6	33
67	OUTFLOWING GALACTIC WINDS IN POST-STARBURST AND ACTIVE GALACTIC NUCLEUS HOST GALAXIES AT $0.2 < z < 0.8$. <i>Astrophysical Journal</i> , 2011, 743, 46.	1.6	89
68	THE PRISM MULTI-OBJECT SURVEY (PRIMUS). I. SURVEY OVERVIEW AND CHARACTERISTICS. <i>Astrophysical Journal</i> , 2011, 741, 8.	1.6	247
69	The evolution of the hard X-ray luminosity function of AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2531-2551.	1.6	300
70	Excess AGN activity in the $z = 2.30$ Protocluster in HS 1700+64. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 846-853.	1.6	54
71	The X-ray luminosity function of AGN at $z \hat{=} 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 883-896.	1.6	26
72	A new method for determining the sensitivity of X-ray imaging observations and the X-ray number counts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1205-1213.	1.6	128